

Shirasaki, T. and Ozaki, A.
STRUCTURE AND TEXTURE OF COKE DEPOSITS
ON CATALYST SURFACES. [1963] 7p.
Order from ATS \$9.00

ATS-30Q70J

Trans. of Shokubai (Japan) 1962, v. 4, no. 1,
p. 88-92.

DESCRIPTORS: *Coke, *Catalysts, Films, Physical
properties.

(Chemistry--Physical, TT, v. 10, no. 5)

63-17761

- I. Shirasaki, T.
- II. Ozaki, A.
- III. ATS-30Q70J
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS 30Q70J

Office of Technical Services

Culture of Phytophagous Insects on Artificial Diet,
by S. Ishii, 11 pp.

JAPANESE, per Shokubutsu Boeki, Vol X, No 4,
1956, pp 7-10.

S.L.A. Tr 57-103

Sci - Agriculture
Apr 57

46,944

Luminescent Apparatus in Lampyrids, Part II, by
Yo Ozada, 11 pp.

Full translation.

JAPANESE, per, Shokubutsu oyobi Dobutsu, Vol. III, No 8,
Aug 1939, pp 1475-1482.

CIA/FDD/X-846

FE - Japan

Scientific - Biology, zoology, botany

Jun 53 CMS

2812

Luminous Apparatus in Lampyrids, Part III, by
Yo Onoda, 12 pp.

Full translation.

JAPANESE, per, Shokubutsu Gakki Dobutsu, Vol. III, No. 9,
Sep 1935, pp 1636-1648.

CIA/FDD/X-849

FB - Japan

Scientific - Biology, zoology, botany

Jun 53 CTS

2813

On the Flora of Rota, by Ryoze Kanenira.

JAPANESE, per, Shokubutsu Oyobi Dobutsu,
Vol IV, No 1, 1936.

MMH 2-68-63
(Loan Only)

Sci

May 63

Effects of Water Temperature on the Rate of Embryonal Development of Eggs of the Korean Codfish, Gadus macrocephalus Tilesius, by Yamamoto Takaharu.

JAPANESE, per. Shokubutsu Oyobi Dobutsu. Vol 7. No 8, 1939, pp 1377-1383.

Dept of Interior

Fish and Wildlife Service

BCF, Bureau of Foreign Fisheries

Sci-B and III

Dec 67

346,802

Cleanliness Research for Public Health Authority
on Cultured Oysters in Hiroshima Bay, by Ryota Inoue.

JAPANESE, per, Shokuhin Eisei-Kenkyu, No 2, 1953,
pp 7-17.

BMFF

Sci

Jan 64

Artificial Purification of Oysters, by Tadao Sato.

JAPANESE, per, Shokuhin Eisei-Kenkyu, No 6, 1954,
pp 51-56.

BHFF

Sci

Jan 64

Telecommunication Research Laboratory.

JAPANESE, pamphlet, ~~Shok~~ Shokyo Roku, 1 Apr
1956, pp 17-22, publ by Japan Telecommunication
Corporation.

500th MI Sv Gp Tr 95944-E
(EDC Jun 1953)

Sci - Electronics
Dec 57

56,390

Studies on the Lipid of Rice,, by T. Akiya,
O. Nakayama.
JAPANESE, per, Shokuryo Kenkyu Hoku,
No. 12, 1957, pp 71-2
SLA TT-66-10843

330, 789

Sci - Materials
Jul 67

Result of Treatment of Whooping Cough
with Colaprin via Injection and Inhalations,
by Satoru Saito, Eiichi Kanno, 'p.
JAPANESE, per, Shimizu Rinshe, Vol 4,
No 6, 1961,
SLA TT-64-18637

333, 639

Sci
Jul 67

Pharmacological Studies of Nicotine. The Effect
and the Toxicity of Nicotine on the General
Development of Chick Embryos, by S. Tsunoo, 30 pp.

JAPANESE, Per, ~~Shoichi Iguchi~~. Zasshi, 1954,
Vol XIV, No 3, pp 223-245.

ATB-65K28

Sci
Oct 59
Vol 2, No 3

99, 867

The Pharmacology of Tobacco, by ^STsunoo, 15 pp.

JAPANESE, Per, Shoin Igakui Zasshi, 1958,
Vol XVII, No 6, pp 481-489.

ATE-66K28J

Sci

Oct 59

Vol 2, No 3

99,868

R-5695-D

12 Aug 65

Studies on the Neurotoxins Isolated from the
Elapine Venoms

BY: Chen-Tuan LEE

FROM: SEIWA IGAKKAI ZASSHI. SEIWA MEDICAL ASSOCIATION
JOURNAL, V.23, 1963 pp 221-229 (9 pp)

Japanese - est for wds:

Type an original copy only according to instructions
attached.

Studies on the Neurotoxins Isolated From
the Elapine Venoms, by Chien-Yuan LEE.
JAPANESE, per, Shwa Igakkai Zasshi, Vol 23
1963, pp 221-229.
REF ID: A11-5-65

JPRS

FE-Japan
Sci/BBM
Mar 66

297,072

Summary of Foreign Affairs Police Activities for
1937.

Full tr

JAPANESE, bk, Showa Juninen ni Okeru Gaijikeisatsu
Gaikyo, 1937, pp 91-172. (EDC 15 Dec 1957)

*500th MI Sv Gp
Tr 95234

53,444

FE - Japan
Pol
Oct 57

Summary of Foreign Affairs Police Activities for
1941.

JAPANESE, bk, Showa Jurokunen ni Okeru Gaijikei-
satsu Gaikyo, 1941, pp 239-317. (EDC 15 Dec
1957)

*500th MI Sv Gp
Tr 95237

FE - Japan
Pol
Oct 57

53,447

Summary of Foreign Affairs Police Activities for
1938.

Full tr

JAPANESE, bk, Showa Jusanman ni Okeru Gaijikeisatsu
Gaikyo, 1938, pp 97-157. (IDC 15 Dec 1957)

*500th MI 8v Op
Tr 95235

53,446

FE - Japan
Pol
Oct 1957

Summary of Foreign Affairs Police Activities for
1942.

Full tr

JAPANESE, bk, Showa Jushichine ni Okeru
Gijikeisatsu Gaikyo, 1942, pp 303-368.
(RDC 15 Dec 1957)

*500th MI Sv Gp
Tr 95238

53,448

FE - Japan
Pol
Oct 57

Summary of Foreign Affairs Police Activities
for 1939.

Full tr

JAPANESE, bk, Showa Juyonen ni Okeru Gaijikeisatsu,
Gaikyo, 1939, pp 61-136. (RDC 15 Dec 1957)

*500th MI Sv Gp
Tr 95236

53, 445

RE - Japan

Pol

Oct 57

Guided Missile Researches During JFY 1954.

JAPANESE, pamphlet, Shwa Nijukyundo GN no Chosa,
30 Mar 1957, publ by Technical Research Institute,
Rpt 174, 55 pp. (EDC 4 Dec 1957)

6004th AIBB Tr-C-3B-170-6

Sci - Space Research
Nov 57

54, 46 1/2

Stenographic Record of the Proceedings of the
Extraordinary General Meeting for Fiscal 1959, 49 of

JAPANESE, pamphlet, Showa Sanjuyonnendo Riiji
Sokai Giji Sokkairoku, 16 Jan 1959.

USACRAPAC, PD
Tr No 99702

FE - Japan
Econ
Oct 59

98, 5, 14

Iterative Process of Solving Nonlinear Equation of
General Functions, by Wen-yuan Chen, $\frac{12}{3}$ pp.

CHINESE, per, Shu Hsueh Chin Chan, Vol III, 1957,
pp 434-444. 9893984

AEC Tr-5118

Sci - Phys
Aug 62
List 71

206,077

Progress in Mathematics, by Shen Shih-yi. 60 pp.
CHINESE, per, Shu Hsueh Chin Chuan, Vol 7, No 1,
1964, pp 1-38. P100028863-V
FTD-TT-65-348

Sci/Mathematical Sci
Sep 66

300,441

Hua, Loo-keng.
ON THE THEORY OF FUNCTIONS OF SEVERAL
COMPLEX VARIABLES. I. A COMPLETE SYSTEM OF
ORTHOGONAL FUNCTIONS IN THE HYPERBOLIC
SPACE OF MATRICES. 1963, 32p 7refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 32 (p. 163-194)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1953, v. 2, p. 288-323.

DESCRIPTORS: *Functions, *Complex variables,
*Matrix algebra, Groups (Mathematics), Determinants,
Taylor's series.

(Mathematics, TT, v. 11, no. 9)

TT-64-12645 (p. 163-194)

- I. Hua, Loo-keng
- II. Title: Complete...
- III. American Mathematical
Society, Providence,
R. I.

Office of Technical Services

CHINESE MATHEMATICS, 1968, VOL. 8, NO. 4,
P. 351-454. Sep 68, iv, 34 refs.
Order from The American Mathematical Society,
Providence, R. I. \$20.00/vol.

Trans. of [Shu Hsieh Hsieh Pao] (Chinese People's
Republic) 1962, v. 12, no. 4 and index v. 12.

DESCRIPTORS: *Mathematics, *China, *Numerical
analysis, *Sequences, *Groups (Mathematics), *Alge-
braic topology, *Boundary value problems, *Nonlinear
differential equations, *Communication theory, *Num-
ber theory, *Inequalities

Contents

Several iterative processes with relatively high rate of
convergence and a method for estimating the multi-
plicity of real roots, by Hsi Li-che
(Mathematics, TT, v. 10, no. 11) (over)

68-17526-4

1. Title: Shannon theorem
- I. American Mathematical
Society, Providence, R. I.

Office of Technical Services

Hua, Loo-keng.
ON THE THEORY OF FUNCTIONS OF SEVERAL
COMPLEX VARIABLES. II. A COMPLEX ORTHO-
NORMAL SYSTEM IN THE HYPERBOLIC SPACE OF
THE LIE-HYPERSPHERE

M. F. Cheng, tr. 1963, 26p 8refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 32 (p. 195-220)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1955, v. 5, p. 1-25.

DESCRIPTORS: *Functions, *Complex variables,
Groups (Mathematics), Special functions (Mathematics),
Matrix algebra.

(Mathematics, TT, v. 11, no. 9)

TT-64-12645 (p. 195-220)

- I. Hua, Loo-keng
- II. Title: Complex...
- III. American Mathematical
Society, Providence,
R. I.

Office of Technical Services

TT-64-12646 (p. 47-58)

Ding, Shie-shih.
DIFFERENTIAL EQUATIONS OF MIXED TYPE. 1963.
12p 4refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 33 (p. 47-58)

Trans. of [Shu Hsieh Hsieh Pao] (Chinese People's
Republic) 1955, v. 3, p. 193-204.

DESCRIPTORS: *Partial differential equations, Differ-
ential equations. Conformal mapping

- I. Ding, Shie-shih
- II. American Mathematical Society, Providence, R.I.

(Mathematics, TT, v. 11, no. 8)

Office of Technical Services

TT-64-12645 (p. 221-263)

Hua, Loo-keng.
ON THE THEORY OF FUNCTIONS OF SEVERAL COM-
PLEX VARIABLES. III. A COMPLETE ORTHO-
NORMAL SYSTEM IN THE HYPERBOLIC SPACE OF
SYMMETRIC AND SKEW SYMMETRIC MATRICES.

1963, 43p 6 refs
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 32 (p. 221-263)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1955, v. 5, p. 205-242.

DESCRIPTORS: *Functions, *Complex variables,
*Matrix algebra, Groups (Mathematics), Determinants,
Taylor's series, Harmonic analysis.

(Mathematics, TT, v. 11, no. 9)

- I. Hua, Loo-keng
- II. Title: Complete...
- III. American Mathematical Society, Providence, R. I.

Office of Technical Services

Hua, Loo-keng.
INEQUALITIES INVOLVING DETERMINANTS. 1963,
Spirel
Order from AMS in American Mathematical Society
Translations, 1963, ser. 2, v. 32 (p. 265-272)

Trans. of 'Shu Hsueh Hsueh Pao' (Chinese People's
Republic 1955, v. 5, p. 463-470).

DESCRIPTORS: *Inequalities, *Determinants,
*Functions, *Complex variables, *Matrix algebra.

(Mathematics, TT, v. 11, no. 9)

TT-64-12645 (p. 265-272)

- I. Hua, Loo-keng
- II. American Mathematical
Society, Providence,
R. I.

Office of Technical Services

On the Least Primitive Root of a Prime, 14
Kung Yuen.

CHINESE, Ser. Chai Hsueh Hsueh-1960, Vol. 11, No. 1, 11-14,
1960, pp 1-14.

Scientific Review, Vol. 1, No. 1, 11-14
SMA 61-27, 1

Sci
20 Mar 61
Vol VI, No 7

Contributions to the Theory of Conjugate Lines in
Projective Hyperspaces (1), B. de Bruijn.

CHINESE, part, Chinese Journal, Vol. 11, No. 1, 1967, pp. 15-23.

Scientific Journal, Vol. 1, No. 1, 1961
SL: 61-27, 1

Sci
El Jour 61
Vol VI, No 7

62-13300

SCIENTIA SINICA (CHINESE PEOPLE'S REPUBLIC)
1961, VOL. 10, NO. 5, p. [491]-619. Sep 61 [132]p.
121 refs.
Order from OTS or SLA \$10.50 62-13300

DESCRIPTORS: *Science, Periodicals, China, *Mathematics, *Solid state physics, *Physiology, *Neurology, *Anatomy, *Oceanography, *Metallurgy.

Contents:

Contributions to the theory of conjugate nets in projective hyperspace. II, by Su Buchin, p. 491-498, \$1.10 (originally pub. in Shu Hsueh Hsueh Pao (Chinese People's Republic) 1961, v. 11, no. 1, p. 41-46)

On the maximum probability of cyclic random inequalities, by Chung Li-chien, p. 499-504, \$1.10
Theory of the parametric oscillation of magneto- (Research Methods, Techniques and Equipment, TT, v. 7, no. 1) (over)

1. Academia Sinica
(Chinese People's Republic)

184324

Office of Technical Services

63-17526-1

CHINESE MATHEMATICS, 1963, VOL. 3, NO. 1,
P. 1-[116]. Mar 63, 1v.
Order from the American Mathematical Society,
Providence, R. I. \$20.00/vol.

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1962, v. 12, no. 1.

DESCRIPTORS: *Mathematics, *China, Differential
equations, Differential geometry, Fourier analysis,
Groups (Mathematics), Nonlinear differential equations,
Partial differential equations, Algebraic topology, Num-
ber theory, Functional analysis.

Contents:

A qualitative study of the integral curves of a differen-
tial equation, I, by Yeh-Yen-ch'ien and others
Fourier analysis on unitary groups. II. Cesaro summa-
(Mathematics, TT, v. 10, no. 3) (over)

1. Title: Cauchy problem
2. Title: Dirichlet problem
- I. American Mathematical
Society, Providence, R. I.

Office of Technical Services

63-17526-2

CHINESE MATHEMATICS, 1963, VOL. 3, NO. 2,
P. 117-276. May 63, 1v.

Order from The American Mathematical Society,
Providence, R. I. \$20.00/vol.

Trans. of [Shu Hsiueh Hsiueh Pao] (Chinese People's
Republic) 1962, v. 12, no. 2.

DESCRIPTORS: *Mathematics, *China, Algebraic
topology, Groups (Mathematics), Partial differential
equations, Functions, Nonlinear differential equations,
Polynomials, Equations, Integral equations, Differential
equations, Numerical analysis, Mechanics, Trigonome-
try, Operators (Mathematics), Inequalities.

Contents:

Some properties of the Riemannian spaces V_n which
admit an n -tuply orthogonal system of hypersurfaces.

by Pan Cheng-kuo

(Mathematica, TT, v. 10, no. 3)

(over)

1. Title: Divisor problem
1. American Mathematical
Society, Providence, R. I.

Office of Technical Services

68-17326-4

CHINESE MATHEMATICS, 1968, VOL. 3, NO. 4,
P. 361-484. Sep 68, 1v. 34 refs.
Order from The American Mathematical Society,
Providence, R. I. \$20.00/vol.

Trans. of [the Hsien Hsien Hsien] (Chinese People's
Republic) 1968, v. 12, no. 4 and index v. 12.

DESCRIPTORS: *Mathematics, *China, *Numerical
analysis, *Sequences, *Groups (Mathematics), *Alge-
braic topology, *Boundary value problems, *Nonlinear
differential equations, *Communication theory, *Num-
ber theory, *Inequalities

Contents:

Several iterative processes with relatively high rate of
convergence and a method for estimating the multi-
plicity of real roots, by Hsi Li-che
(Mathematics, TT, v. 10, no. 11) (over)

1. Title: Shannon theorem
1. American Mathematical
Society, Providence, R. I.

Office of Technical Services

CHINESE MATHEMATICS, 1963, VOL. 4, NO. 1,
P. 1-159. New 63, IV.
Order from the American Mathematical Society,
Providence, R. I. \$20.00/year

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1963, v. 13, no. 1, p. 1-[143].

Shu Hsueh Hsueh Pao, Chinese People's
Republic, 1963, v. 13, no. 1, p. 1-[143].

CHINESE MATHEMATICS, 1963, VOL. 4, NO. 1,
P. 1-159. New 63, IV.

CHINESE MATHEMATICS, 1963, VOL. 4, NO. 1,
P. 1-159. New 63, IV.

Office of Technical Services

Wang, Chen-yu.
ON AN INTERPOLATION PROBLEM OF ENTIRE
FUNCTIONS, by Yi-Chang. Nov 63, 17p 3refs
Order from the American Mathematical Society,
Providence, R. I. \$21.00/year in its Chinese Mathem-
atics, v. 4, no. 1 (p. 1-17)

Trans. of [Shu Hsieh Hsieh Pao] (Chinese People's
Republic) 1963, v. 13, no. 1, p. 1-16.

DESCRIPTORS: Mathematics, *Functions, *Numerical
analysis, Complex numbers, Sequences, Number
theory

(Mathematics, IT, v. 11, no. 1)

TT 63-22920-1 (p. 1-17)

- I. Wang, Chen-yu
- II. American Mathematical
Society, Providence, R. I.

Office of Technical Services

TT-63-2-920-1 (p. 18-22)

T'ai, Chih-chung.

ON DISCRETE VALUATIONS, tr. by Jiang Luh.

Nov 63, 5p 6refs

Order from the American Mathematical Society,
 Providence, R. I. \$21.00/yr. in arrears. Math.
 ematics, v. 3, no. 1 (p. 18-22)

Trans. of [Shu Hsiieh Hsiieh Pao] (Chinese People's
 Republic) 1963, v. 11, no. 1, p. 17-22. (Abstract
 available)

DESCRIPTORS: Mathematics, *Number theory,
 Algebraic topology

A definition is given of discrete valuation for a general
 valuation which is a natural valuation of finite
 rank. Then under that definition the equivalence
 is shown between completeness and maximality of a
 valuation field with respect to a discrete valuation.
 Also discussed is the Schmidt uniqueness theorem for
 (Mathematics, TT, v. 11, no. 1)

I. Title (Schmidt uniqueness
 theorem)

I. T'ai, Chih-chung

II. American Mathematical
 Society, Providence, R. I.

Wang, Chin-ju.

A GRADIENT METHOD FOR FINDING THE EIGEN-VALUES AND EIGENVECTORS OF A SELF-ADJOINT OPERATOR, tr. by Michael Liu. Nov 63, 7p. 7 refs.

Order from the American Mathematical Society.

Providence, R. I. \$21.00/year in its Chinese

Mathematics, v. 3, no. 1, (p. 2-79)

Trans. of the American Mathematical Society (Chinese Edition), v. 3, no. 1, p. 2-79. (Abstract available)

DESCRIPTORS: Mathematics, *Operators (Mathematics).

*Numerical methods and procedures, *Integral equations, *Matrix algebra, *Functional analysis.

Sequence:

The sequence $x_{k+1} = x_k - \frac{2(Ax_k, x_k)}{(Ax_k, Ax_k)} Ax_k$

($k = 1, 2, \dots$) is established, and without assuming the compact continuity of A , the convergence is proved. (Mathematics, TT, v. 11, no. 1) (over)

TT 63 22920 1 (p. 2-79)

I. Title: Weid theorem

1. Wang, Chin-ju

II. American Mathematical Society, Providence, R. I.

TT 65-22920-1 (G-1000)

Ku, Ch'ao-hao.

A BOUNDARY VALUE PROBLEM FOR HYPERBOLIC SYSTEMS AND ITS APPLICATIONS, tr. by C. K. Chu. Nov 63, 19p. 6 refs.

Order from the American Mathematical Society.

Providence, R. I. \$21.00/year in its Chinese Mathematics, v. 4, no. 1 (p. 35-53)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's Republic) 1963, v. 13, no. 1, p. 32-48. (Abstract available)

DESCRIPTORS: Mathematics, *Boundary value problems, *Partial differential equations, Applied mathematics, Mechanics, Fluid dynamic properties, *Gas flow, Shock waves

In the first part, a study is made of a nonlinear boundary value problem for a system of quasilinear hyperbolic (Mathematics, TT, v. 11, no. 1) (over)

Office of Technical Services

Mangeron, D. and Krivocheine, L. F.
QUALITATIVE STUDY OF A CLASS OF BOUNDARY
VALUE PROBLEMS FOR INTEGRO-DIFFERENTIAL
EQUATIONS AND APPROXIMATE DETERMINATION
OF THEIR SOLUTIONS, in: by Y. T. Chou, Nov 63,
6p. 11re2s

Order from the American Mathematical Society,
Providence, R. I. \$21.00/year in its Chinese Mathemat-
ics, v. 1, no. 1 (p. 70-75)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1963, v. 13, no. 1, p. 53-67. (Abstract
available)

DESCRIPTORS: Mathematics, *Boundary value problems,
*Integral equations, *Differential equations, *Numerical
analysis

The paper is written for those who are actively engaged
in finding approximate solutions to ordinary integro-
(Mathematics, TTE, v. 11, no. 1) (over)

TTE 63 22920-1 (p. 70-75)

- I. Mangeron, D.
- II. Krivocheine, L. F.
- III. American Mathematical
Society, Providence, R. I.

Office of Technical Services

• *Journal of the American Academy of Child and Adolescent Psychiatry*, 1999, 38, 10, 1299-1306.

Kao, Heng-chuan
ALGEBRAIC TREATMENT OF THE NOTION OF
SATISFIABILITY IN THE SYSTEM Σ_1^1 , tr. by
John D. Hwang. Nov 63, 12p 6rdfs
Order from the American Mathematical Society,
Providence, R. I. \$21.00/year in its Chinese Mathe-
matics, v. 4, no. 2 (p. 76-87)

- I. Kao, Heng-shan
- II. American Mathematical Society, Providence, R. I.

Trans. of [Shu Hsieh Hsueh Pao] (Chinese People's Republic) 1967, v. 13, No. 1, p. 68-77. (Abstract available)

DESCRIPTORS: Mathematics. *Algebras. *Mathematical logic.

The purpose of the article is to study a new system. The system $\mathcal{S}_4^*$ is obtained from $\mathcal{S}_4$ by adding a new axiom; it is in fact the Lewis modal calculus $\mathcal{S}_4^*$. (Author)

1990年12月15日

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Wu, Chen-te.

THE NONREDUCIBILITY OF THE OPERATION

$\mathcal{B}_p^{2p+1} \dots \mathcal{B}_p^{2p+1} \mathcal{B}_p^{2p}$, tr. by R. C. Read and

P. C. Fung, No. 63, 9p 8 refs.

Order from the American Mathematical Society,

Providence, R. I. 02914, Soc. for the Advancement of Math-
ematics, v. 4, no. 1 (p. 88-96)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's
Republic) 1963, v. 13, no. 1, p. 78-85. (Abstract
available)

DESCRIPTORS: Mathematics, *Algebraic topology,
*Groups (Mathematics), Complex numbers, Mathe-
matical logic

It is shown that the operation $\mathcal{B}_2 S_q^{21+21+\dots}$
 $S_q^{22+21+\dots} S_q^{21+21+\dots}$ cannot have a nonobvious reduction,
from this it can be determined whether $\mathcal{B}_p^{21+21+\dots}$
(Mathematics, EE, v. 14, no. 1)

EE-61 22920-1 (p. 88-96)

- I. Wu, Chen-te
- II. American Mathematical
Society, Providence, R. I.

0.4

Office of Technical Services

Wu, Li-te.

ON THE DISTRIBUTIONS OF INTEGRAL FUNCTIONALS OF HOMOGENEOUS DENUMFRABLE MARKOV PROCESSES, tr. by Elmer J. Brody. Nov 63. 8p breif. Order from the American Mathematical Society, Providence, R. I. \$21.00/year in its Chinese Mathematics, v. 4, no. 1 (p. 97-104)

Trans. of [Shu Hsueh Hsueh Pao] (Chinese People's Republic) 1963, v. 13, no. 1, p. 86-93.

DESCRIPORS: Mathematics. *Statistical processes. *Statistical functions. *Integral transforms. Probability.

(Mathematics, IT, v. 11, no. 1)

Office of Technical Services

Tung, Kuang-ch'ang.
BOUNDARY VALUE PROBLEMS FOR DEGENERATE
ELLIPTIC PARTIAL DIFFERENTIAL EQUATIONS
tr. by Y. M. Chen. Nov 63. 22p. 5refs
Order from the American Mathematical Society,
Providence, R. I. \$21.00/year in its Chinese Mathe-
matics, v. 4, no. 1 (p. 105-126)

Trans. of [Shu Hsien Hsueh Pao] (Chinese People's
Republic) 1963, v. 13, no. 1, p. 94-115. (Abstract
available)

DESCRIPTORS: Mathematics, *Boundary value prob-
lems, *Partial differential equations

The paper solves a problem posed by A. V. Bicadze;
i.e., a degenerate elliptic equation has a unique solu-
tion if the values of the function are prescribed on the
nondegenerate boundary and bounded values of its der-
ivative are prescribed on the degenerate boundary.

(Author)

(Mathematics, TT, v. 11, no. 1)

11-63-22-20-1 (p. 105-126)

- I. Title: Uniqueness theorem
- I. Tung, Kuang-ch'ang
- II. American Mathematical
Society, Providence, R. I.

Office of Technical Services

Ch'eng P'ing

BAYES SEQUENTIAL PROCEDURES WITH K-DECISION ACTIONS FOR THE EXPONENTIAL POLYA TYPE III DISTRIBUTIONS, tr. by H. P. Kuang. Nov 63, 17p. 6 refs.

Order from the American Mathematical Society, Providence, R. I. \$21.00/year in its Chinese Mathematics, v. 4, no. 1 (p. 131-147)

Trans. of [Shu Hsiieh] Hsueh Pao (Chinese People's Republic) 1963, v. 13, no. 1, p. 119-[135]. (Abstract available)

DESCRIPTORS: Mathematics, *Sequential analysis, *Statistical distributions, *Statistical functions, *Statistical tests

The purpose of the paper is to extend the result of the Bayes sequential decision procedures to the case of a finite number of elements under the condition that (Mathematics, TT, v. 11, no. 1) (over)

TT-63-22920-1 (p. 131-147)

- I. Title: Bayes's solution
- I. Ch'eng P'ing
- II. American Mathematical Society, Providence, R. I.

Office of Technical Services

Some Investigations in Mathematical
Logic, by Mo Shao K'uei, 51 pp.
CHINESE, per, Shu Hsueh Hsueh Pao
(Acta Mathematica Sinica), Vol XIII,
no 4, 1963, pp 485-507. 9699049
FTD-TT-64-829

Sci - Math & Data Proc
Feb 66

296,367

The Dirichlet Problem of a System of
Degenerating Elliptic Type Equations,
by Ch'ing-Yu Chang, 13 pp.

CHINESE, per, Shu Hsueh Hsueh Pao
(Acta Mathematica Sinica), Vol 17,
No 3, 1964, pp 379-386

P100203468-7

WID-INT-67-338

Sci-Physics
Sep 68

364,160

Concerning Certain Properties and the Limit
Theorem of a Simple Function of the ITO Random
Integral, by Chia-kang Wang. 22 pp.
CHINESE, per, Shu Hsueh Hsueh Pao (Acta
Mathematica Sinica), Vol 14, No 4, 1964,
pp 517-531. P100188187
FTD-HT-66-607

Sci/Math
Aug 67

353,033

(SF-1102)

Opinions on the Goals and Mission of Middle School
Mathematics, by Pien Shu-yang, Ts'ao Tso-yu, Shen
Hsi-yung, 6 pp.

CHUNGSHU, per, Shu-hsueh T'ung-pao, No 1, 1960,
pp 38-40.

JPRS 4465

FE - China

Soc - Education

Mar 61

143,623

(SF-1102)

Discussion on the Problem of Correlating Middle
School and College Mathematics, 7 PP.

CHINESE, per, Shu-hsueh T'ung-pao, No 3, 1960,
pp 35-37.

JPRS 4465

PE - China

Soc - Education

143,624

Mar 61.

Mathematical Problems of Launching Rockets,
by Ldi Yao-ch'iu, 7 pp.
CHINESE, per, Shu-hsueh T'ang-sao, p 7, 8
July 1964, pp 46-49.
JPRS 20677

Pt.-China
Sci.-Math
Feb 65

275,237

Mathematical Theory of Rocket Flight,
by Yeh Chih-chiang, 15 pp.
CHINESE, per, Shu-hsueh T'ung-pao, No 8, 1964,
pp 38-43.
JPRS 28198

Sci - Aero
Feb 65

272,675

Geographic Information on Kiangsu Province, (Wk
Info Rpt on Com China 172) 3 pp

CHINESE, monograph, Shui-hsiang Chiang-su, Shanghai,
Dec 1956, pp 1-40.

CIA/FDD Sum 1533

WE - China
Pol
Geo -
Oct 57

53, 643

Economic Geography of Kiangsu Province. (Wk Info
Rpt on Com China 172)

CHINESE, monograph, Shai-hsiang Chiang-su (Kiangsu,
the Land of Water), Shanghai, Dec 1956, pp 41-92.

CIA/TID Sum 1541

FE - China
Econ -
Geo
Oct 57

54, 233

KIANGSU -- THE WATER COUNTRY, BY WANG WEI-
PING, 98 PP.

CHINESE, BK, SHUI-HSIANG CHIANG-SU, SHANGHAI,
DEC 1956, 92 PP.

JPRS 16910

FE - CHINA
GEOG
JAN 63

218,739

Chinese Hydroelectric Construction in the First
Five-Year Plan. (An Info Rep on Gen Econ. Dev.)

CHINESE, Economic dev., Shui-li Hsien-shan, Peking
11 Jan 1958, pp 3-9.

CIA/EEB Dec 1958

EE - China

Econ

Apr 58

60,446
(= 2,207,376)

Comparing the Costs of Hydroelectric and Thermal
Electric Stations. (Wk Info Rpt on Com China, 209).

CHINESE, semi mo per, Shui-li Fa-tien, 26 Mar 1958,
p 3.

CIA/FDD Sum 1810

FE - China
Econ
Sci - Electricity
Jun 1958

64,629

Ku-t'ien Ch'i Staircase Development. (Wk Info Rpt
on Com China, 214).

CHINESE, semino per, Shui-li Fa-t'ien, Peiping,
11 Apr 1958, p 21.

CIA/FDD Sum 1849

FE - China
Soc
Jul 58

66,697

Staircase Development of Tung-ting Ho. (Wk Info
Rpt on Com China, 213).

CHINESE, semino per, Shui-li Pa-tien, Peiping,
11 May 1958, p 14.

CIA/PDD Sum 1840

FE - China
Econ
Jul 58

66, 6-7

Selection, Manufacture, and Supply of Small
Turbine Generators in Communist China.
UNCLASSIFIED

CHINWEE, per, Shui-li-Pa-Tien, 26 Jun 1958,
22 pp.

*6004 ATSS
S-3B-248(58)
(EDC Unknown)

75,347

Sci - Engr
Oct 58

Selection, Manufacture, and Supply of Small Turbine
Generators in Communist China.

CHINESE, per, Shui Li Fa Tien, 21 Jan 1954, 22 pp.

COPIED FROM
S-3D-444(S)

Sci - Engineering

Manufacturing of Small Hydroelectric Equipment in
China. (Wk Inro Rpt on Com China, 1958-59).

CHINESE, Shih-ping per, Shih-li Fa-shen, Peking,
26 Jun 1958. p 21.

CIA/YDD Sum 1878

FE - China
Econ
Aug 58

73,423

Liquidity Index of Compacted Cohesive Soils in
Some Rolled-Fill Dams in China, by Jiang
Peng'man.

CHINESE, per, Shai-Li Hsueh-pao, Vol VI, No 3,
1959, pp 35-40.

MLL M. 3187

Sci - Hogr

Apr 62

189,823

On Flow Characteristics of Cooling Ponds and
Planning of Related Hydraulic Structures, by
Ch'ien Hui-ch'uan, 21 pp.
CHINESE, par, Shui-li Hsueh-pao, No. 5, Oct
1966, pp. 3-17.
JPRS 41767

FE-China
Sci-Mech
Aug 67

333,171

(2573-D)

Experience on Dam Construction Based Upon Utilization
of Local Materials, 18 pp.

CHINESE, per, Shui-li Shui-shan Chien-shu, No 1,
Peiping, 11 Nov 1958, pp 12-17.

JUNE 638-D

FE - China
HCC:
Apr 59

85, 556

R-400

(DS-2752).

Strive to Produce Conditions Prevailing South
of the Yang-tze River in the Area North of the
Hwai Ho, 10 pp.

CHINESE, par. Shu-chi Shu-tien Chen-shu, No. 3,
Peiping, 11 Nov 1958, pp 4-8.

JPRS-1036-D

FE - China.
Beon
Feb 60

108, 1036

R-900

(NO-2752)

Suggestions on the Utilization of Water Capacity
of Reservoirs, 5 pp.

CHINESE, per, Shui-li Chai-tien Chien-shu, No. 3,
1958, pp 33-34.

JPRS-1026-D

FR - China
Econ
Feb 60

108,537

11-960

Changes in the Utilization of the (Liaoning) Reservoir provide for Large Irrigation Area, by Wang Hsueh, 5 pp.

CHINESE, par, Chai-li Shao-tien Chai-tien 123,
Peiping, 11 Nov 1958, pp 39-40.

JPRS-1026-0

FE - China

SEE Book

Feb 60

109,084

R-900

(DC-2752).

Information on Kansu Province, by Han Chai, 1 p.

CHINESE, per, Shui-li Shui-tien Chien-sha, No 4,
Peiping, 26 Nov 1958, p 4.

JPRS-1025-D

FE - China
Econ
Feb 60

R-900

(DC-2752).

A New Water Reservoir Built in 120 Hours. 1 p.

CHINESE, per, Shui-li Shui-tien Chien-she, No 4,
Peiping, 25 Nov 1958, p 17.

JPRS-1026-D

FE - China
Econ
Feb 60

Diverting the T'ao River, Unprecedented Engineering
Feat, by K'ai Hsu.

CHINESE, per, Shui-li Shui-tien Chien-sho, No 4,
1958, pp 4-10. (Call No TC 1 896, Eng Tr)

AMS

FE - China

Geo

Feb 60

108,001

R-500

(DC-2752).

Construction of Filled Boulder Stone Dams
(Popular Selection of Dam Types and Utilization
of Filled Boulders for Dam Materials), 6 pp.

CHINESE, per, Shui-li Shui-tien Chieh-she, No 4,
Peiping, 26 Nov 1958, pp 50-55.

JPRS-1026-D

FE - China
Econ.
Feb 60

109,085

R - 904

(DC-3805).

Problems of Water Conservation Construction in China. /r-

CHINESE, per, Shui-li Shui-tien Chien-she, No 1, 11
Jan 1959, p 33.

JPRS - 922 - D

FE - China

Econ - Water Conservation

Apr 59

Water Conservancy and Electric Power, 1 p.

CHINESE, per, Shui-li yu Tien-li, 5 Jan 1959, 63 pp.

USACRIPAC PD
APO 323

FE - China
Econ
Oct 59

How to Tackle the Problem of Tension of Electric
Power? by Liu Lan-po, 5 pp.

CHINESE, per, Shui-li Yu Tien-li, 5 Jan 1959.

Union Research Service
110 Waterloo Road
Kowloon, Hong Kong
Vol XVIII, No 4

PR - China
Econ
Feb 60

108,452

R-900

(DC-2752).

Accomplishment of 1958-1959 ~~1958~~ Winter and Spring
Water Conservation Construction Goals Discussed,
7 pp.

CHINESE, per, Shui-li Yu Tian-li, No 1, Peiping,
5 Jan 1959, pp 7-19.

JPRS-1026-D

FE - China
Econ
Feb 60

108,540

R-900

(DC-2752).

Revision of the Kang-nan (Hopeh) Reservoir Design,
by Hsu Sau-fu, K'o Li-tan, 10 pp.

CHINESE, per, Shui-li Shui-tien Chieh-shu, No 2,
Peiping, 26 Jan 1959, pp 12-16.

JPRS-1026-D

FE - China
Econ
Feb 60

108,534

R-900

(DC-2752).

Increase Use of Local Materials for Dams, by Ch'en
Shih-yuan, 7 pp.

CHINESE, per, Shui-ti Shui-tien (Shien-shu, No 2,
26 Jan 1959, pp 23-25.

JPRS-1026-D

FE - China
Econ
Feb 60

108,535

R-900

(DC-2805).

Problems of Water Conservation Construction in
China, 16 pp.

CHINESE, per, Shui-li Yu Tien-li. No 2, 20 Jan 1959,
pp 23, 26; No 3, 5 Feb 1959, pp 35-37; No 4,
20 Feb 1959, pp 19-24.

JPRS-922-D

FE - China
Econ - Water Conservation
Sep 59

97,139

R-900

(DC-2805).

Problems of Water Conservation Construction in
China, 16 pp.

CHINESE, per, Shui-li Yu Tien-li. No 2, 20 Jan 1959,
pp 23, 26; No 3, 5 Feb 1959, pp 35-37; No 4,
20 Feb 1959, pp 19-24.

JPRS-922-D

FE - China
Econ - Water Conservation
Sep 59

97,139

R-900

(DC-2805).

Problem of Water Conservation Construction in
China, 16 pp.

CHINESE, per, Shui-li Yu Tien-li. No 2, 20 Jan 1959.
pp 23, 26; No 3, 5 Feb 1959, pp 35-37; No 4,
20 Feb 1959, pp 19-24.

JPRS-922-D

FR - China
Recon - Water Conservation
Sep 59

97,139

(PC-2938).

Observations on the Selection of Dam Types,
by Chu Pao-fu, 7 pp.

CHINESE, per, Shui-li Shui-tien Chien-shu, No 5,
Peiping, 11 Mar 1959, pp 26-31. (Excerpts).

JPRS-1025-D

FE - China
Recon - Winter Conservation
Feb 60

109,059

(DC-2938).

Conversion of the Concrete Dam at the Sha-Chien-Tzu Hydroelectric Station to a Rock Fill Dam, 3 pp.

CHINESE, per, Shui-li Shui-tien Chien-she, No 5, Peiping, 11 Mar 1959, pp 33, 34. (Excerpts).

JPRS-1025-D

FE - China
Econ - Water Conservation
Feb 60

109,060

(DC-2938).

How to Grasp the "Six Links" Pertaining to Construction Design in Water Conservation Projects, by Chu Ch'eng-chung, Yao Chin-chung, 3 pp.

CHINESE, per, Shui-li Shui-tian Chien-she, No 6, Peiping, 26 Mar 1959, pp 14, 15.

JPRS-1025-1)

FE - China
Econ - Water Conservation
Feb 60

109,150

Developing Hydrological Work With Great Energy:
Within Two Years There Will be Nation-Wide Repor-
ing Service, by Shui-li Tien-li-pu, Chi-chu
Wei-juan-hui.

CHINESE, per, Shui-li Shui-tien Chien-she, No 6,
1959, p 10. Call No TC 1 S56.

AMS

FB - China
Econ
Dec 59

102,620

(NY-3291).

A Study of Accomplishments in the Selection of Dam Types for High Dam Pivot Projects and Expansion of Dam Types During the Last Ten Years, by Hieh Chen-wei, 25 pp.

CHINESE, per, Shui-li Shui-tien Chien-she, No 17, Peiping, 11 Sep 1959, pp 7-13.

JPRS 2447

FE - China
Econ
Apr 60

112, 722